

TITLE  
PLANT LIPOXYGENASES  
ABSTRACT OF THE DISCLOSURE

This invention relates to isolated nucleic acid fragments encoding  
5 lipoxigenases. The invention also relates to the construction of recombinant DNA  
constructs encoding all or a portion of the lipoxigenase, in sense or antisense  
orientation, wherein expression of the recombinant DNA construct results in  
production of altered levels of the lipoxigenase in a transformed host cell.

10

15

20

25

30

35

PG/dmm